



**2014 Seminars**

Wednesday 22nd January 2014

Professor Steve Yellon

Fulbright Scholar and Visiting Professor Centre for Reproductive Health University of Edinburgh  
Professor of Physiology and Associate Director Center for Perinatal Biology, Loma Linda University School of Medicine

Remodeling the prepartum cervix: do macrophages open the gate for parturition?

Bryan Matthews Seminar Room, Physiology Building, Downing Site

Talk commences 4.30pm

Wednesday 5th February 2014

Dr Ralf Dechend

Experimental and Clinical Research Center, Max Delbrück Center for Molecular Medicine and the Charité Medical Faculty, Berlin

Immunology and preeclampsia: novel aspects

Bryan Matthews Seminar Room, Physiology Building, Downing Site

Talk commences 4.30pm

Wednesday 5th March 2014

Dr Gendie Lash

School of Surgical and Reproductive Sciences

Role of uterine natural killer cells and macrophages in spiral artery remodeling in early human pregnancy

Addenbrooke's ATC Seminar Room 3

Talk commences 4.30pm

Wednesday 2nd April 2014

Dr Melissa Westwood

Institute of Human Development, University of Manchester

Maternal growth factor regulation of trophoblast function

Bryan Matthews Seminar Room, Physiology Building, Downing Site

Talk commences 4.30pm

Wednesday 7th May 2014

Dr Jan Veerbeek

Department of Women and Baby, University Medical Center Utrecht, The Netherlands

Pre-eclampsia, spiral artery remodelling and long-term risk of cardiovascular disease

Addenbrooke's ATC Seminar Room 3

Talk commences 4.30pm

Monday 15th September 2014

Dr Dave Natale

University of California San Diego

Investigating the response of the mouse placenta to stress during pregnancy

Physiology Lecture Theatre, Physiological Laboratory Building

Talk commences 4.30pm

Tuesday 23rd September 2014

Hannah Yong

Department of Obstetrics and Gynaecology, The University of Melbourne, Melbourne, Australia

Characterisation of maternal pre-eclampsia susceptibility genes

Physiology Lecture Theatre, Physiological Laboratory Building  
Talk commences 4.30pm

Friday 14th November 2014

Professor Arie Franx  
Head of Obstetrics,  
University Medical Centre Utrecht, the Netherlands  
Preeclampsia research and follow-up in Utrecht  
E7 at Addenbrooke's ([click here for directions](#))  
Talk commences 4.00pm

Wednesday 3rd December 2014

Dr Gordon Stevenson  
The Rosie, Addenbrooke's  
3D power Doppler ultrasound: applying image processing to assess placental function in the first trimester  
Physiology Lecture Theatre, Physiology Building, Downing Site  
Talk commences 4.00pm

### **2013 Seminars**

Wednesday 6th February, 2013

Professor Twink Allen  
The Paul Mellon Laboratory of Equine Reproduction, Newmarket  
'Horses, camels, giraffe and elephants: they are big and they breed in their own funny ways'  
Hodgkin/Huxley Seminar Room, Physiology Building, Downing Site  
Talk commences 4.30pm

Wednesday 6th March, 2013

Professor Broughton Pipkin  
Emeritus Professor of Perinatal Physiology,  
Department of Obstetrics and Gynaecology, City Hospital, Nottingham  
'The placental renin-angiotensin system: an old system with a new look'  
Addenbrooke's Seminar Room 8 (in the Clinical School)  
Talk commences 5.00pm

Wednesday 3rd April, 2013

Professor Michael Taggart  
Institute of Cellular Medicine, Newcastle University Medical School  
'Models and modelling approaches for pregnancy research'  
Hodgkin/Huxley Seminar Room, Physiology Building  
Downing Site Talk commences 4.30pm

Wednesday 1st May, 2013

Professor Megan Holmes  
'Prenatal programming of mood disorders by glucocorticoids: The role of the brain and placenta'  
Addenbrooke's ATC Seminar Room 3  
Talk commences 4.30pm

### **2012 Seminars**

Wednesday 12<sup>th</sup> December, 2012

Professor Lorna Moore  
Department of Obstetrics and Gynecology at the University of Colorado Denver

'A genome search for maternal factors conferring resistance to hypoxia-associated fetal growth restriction: update from the Andes'

Venue: Addenbrooke's ATC Seminar Room 3

Talk commences: 4.30pm

Wednesday 7<sup>th</sup> November, 2012

Professor Neil Sebire

Professor of Paediatric and Developmental Pathology, Great Ormond Street Hospital / Institute of Child Health

'Recent advances in gestational trophoblastic disease'

Venue: Addenbrooke's Seminar Room 7 (Clinical School)

Talk commences: 5.00pm

Wednesday 10<sup>th</sup> October 2012

Professor Alan Handyside

Consultant in Pre-implantation Genetics,

The London Bridge Fertility, Gynaecology and Genetics Centre

'Chromosome aneuploidy in the human preimplantation embryo'

Wednesday 5<sup>th</sup> September 2012

Professor Hilary Critchley, Professor of Reproductive Medicine,

MRC Centre for Reproductive Health, University of Edinburgh

'Endocrine-immune interactions in the human endometrium: implications for reproductive function'

Tuesday, 22nd May 2012

Vicki Clifton, Associate Professor of Obstetrics and Gynaecology, University of Adelaide

'Sex specific differences in placental glucocorticoid sensitivity'.

Wednesday, 2nd May 2012

Tessa van Kempen, Visiting Scholar, Leiden University, Leiden, the Netherlands

p66shc: the villain in placental pathophysiology?

Wednesday, 4th April 2012

Dr Linda Morgan Division of Clinical Medicine, University of Nottingham,

'The genome-wide hunt for pre-eclampsia genes'.

Wednesday, 7th March 2012

Professor Thomas Gorr, Institute of Veterinary Physiology, University of Zurich

'Identification and Targeting of Hypoxia Tolerance Mechanisms - from Critters to Cancer'.

Wednesday, 15th February 2012

Professor Fiona Lyall, Professor of Maternal and Fetal Health Institute of Medical Genetics Yorkhill Glasgow

'Trophoblast invasion and spiral artery transformation in normal pregnancy and pre-eclampsia'.

## **2011 Seminars**

Wednesday, 7th December 2011

Professor Tom Fleming, School of Biological Sciences, University of Southampton

'Early embryo environment and implications for health in to adulthood'.

Wednesday, 2nd November 2011

Dr Cees, Head of the Molecular Biology Laboratory, Department of Clinical Chemistry, VU University Medical Center, Amsterdam

'Genome wide analysis of placental DNA and RNA in first trimester maternal plasma by massively parallel sequencing: current and future possibilities'

Wednesday, 5th October 2011

Professor Basky Thilaganathan, Director, Fetal Medicine Unit, Department of Obstetrics and Gynecology, St. George's Healthcare NHS Trust  
"Imaging in Preeclampsia"

Wednesday, 7th September 2011

Professor Lucilla Poston, Maternal and Fetal Research Unit, St Thomas' Hospital, King's College London  
"Developmental origins of obesity"

Wednesday, 18th May 2011

Professor John Kingdom, Mount Sinai Hospital, Toronto, Canada  
"Is Heparin a placental anticoagulant?"

Wednesday, 4th May 2011

Professor John Aplin, Maternal and Fetal Health Research Group, the University of Manchester  
"Maternal signalling to the villous placenta"

Wednesday, 6th April 2011

Dr Rosalind John, Cardiff School of Biosciences, Cardiff University  
"Perturbing expression of IC2 imprinted genes to characterise their roles in placental development"

Wednesday, 2nd March 2011

Professor Anthony Carter, Faculty of Medicine, University of Odense, Denmark  
"Evolution of Placental Function?"

Wednesday, 2nd February 2011

Professor Guy Whitley, Division of Basic Medical Sciences, St George's University of London  
"Mechanisms of spiral artery remodelling"

## **2010 Seminars**

Wednesday, 1st December 2010

Professor Eric Jauniaux, Department of Obstetrics and Gynaecology, University College London  
"From Stromatolites to Pre-eclampsia"

Wednesday, 3rd November 2010

Professor Colin Sibley, Maternal & Fetal Health Research Centre, University of Manchester  
"Placental Physiology: Coming of Age"

Wednesday, 6th October 2010

Professor Ian Sargent, Oxford University  
"Placental microparticles and exosomes: their role in pre-eclampsia"

Wednesday 1st September 2010

Professor Gudrun Moore, UCL Institute of Child Health  
"The importance of being imprinted in the human placenta"

Wednesday 5th May 2010

Dr Judith Bulmer, School of Surgical and Reproductive Sciences, Newcastle University  
"Functional Role of Uterine NK Cells in Early Pregnancy"

Wednesday 7th April 2010

Professor Jan Brosens, Institute of Reproductive and Developmental Biology, Imperial College London

"The role of cyclic decidualization of human endometrium in determining pregnancy outcome"

Wednesday 10th March 2010

Professor Chris Proud, School of Biological Sciences, University of Southampton

"The regulation of protein synthesis in health and disease"

Wednesday 3rd February 2010

Dr Rohan Lewis, Institute of Developmental Sciences, University of Southampton

"Why (and how) did the amino acid cross the placenta?"

Wednesday 6th January 2010

Dr Alexander Betz, Cambridge Immunology

"Regulatory T cells: evolution, pregnancy and therapy"